Qvis gives a warranty of 24 months

General terms and conditions of a warranty

1. QVIS LABS warrants that the Product(s) shall be of satisfactory quality within the meaning of the Sale of Goods Act 1979; be reasonably fit for purpose, and; free from defects in materials or workmanship. The period of such warranties shall be as set in the price list that is current at the date of despatch of the Product(s) and the warranty period shall commence on the date of despatch of the Product(s).
2. Any alleged defects in the Product(s) must be notified in writing within 14 days of receipt of the Product(s).
3. In the event of any established breach of warranty, QVIS LABS shall repair or replace in its absolute discretion any defective Product(s). The Buyer shall be liable for the delivery charges incurred in returning the defective Product(s) to QVIS LABS, but shall not be liable for the cost of repair or replacement, or the delivery charge for returning the repaired or replaced Product(s) to the Buyer. If QVIS LABS complies with this clause then it shall have no further liability for breach of the warranty.
4. Repairs undertaken by QVIS LABS under the terms of its warranty are guaranteed for 90 days from the date of dispatch to the Buyer.
5. Where QVIS LABS in its absolute discretion replaces any defective Product(s), the warranty on such replacement Product(s) shall continue in effect for the remainder of the unexpired term of the warranty commencing from the original date of despatch of the defective Product(s). Any replaced Product(s) become the property of QVIS LABS.
6. The warranty shall not cover any defect caused:
   a) By fair wear and tear.
   b) In whole or in part by the negligence of the Buyer or a User.
   c) By improper or unauthorised use of the Product(s) including any attempt to carry out repairs or modifications to the Product(s).
   d) By causes external to the Product(s).
7. Failure by the Buyer to settle accounts rendered for Product(s) supplied will render the warranty null & void.
8. If the Buyer adds labels to any of the Product(s) the warranty will be invalidated.

Distributer:
QVIS HO. 36 New Lane,
Havant, Hampshire,
PO9 2JL
Offers and information:
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Customer services:
sales@adata.co.uk

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www.adata.co.uk

TT-202
Wireless Telemetric Modem

TT-202 is designed for wireless control of high speed cameras over the radio-link on ISM 869 MHz band. It supports 10 channels within the 869.4 to 869.65 MHz frequency band. Each channel has a factory defined operating frequency. It has both the bi-directional RS485 and RS232 interfaces and designed for operation in Point- Multipoint configuration.

Contents of TT-202 package:

- Bi-directional telemetric module with RS485, RS232 and TTL port
- Stub omnidirectional antenna (up to 6km distance)
- User's Manual

This telemetric system has been created for the demands of professional CCTV systems with high speed cameras and recorders, where stable and unattended control over radio-links is required. There is a possibility of using up to 10 independent operating channels with very high transmission quality making the TT-202 very suitable for almost all monitoring high demand systems with high speed cameras and industrial automatic control systems.

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Specification:

Modulation	RC2FSK
Power	<200mW / <500mW
Input-Output	RS485 , RS232, TTL 5V
Antenna Input	SMA M/ 50 Ω
Transmission	Half-Duplex
Baudrate	1200 to 9600 bps
Power supply	10-12V / 500mA DC
Operating Temperature	-20 °C ÷ + 50 °C
Dimensions	125x105x60 mm
Weight	0,4 kg

TT-202 Wireless Telemetric Modem

Preparing modules for operation:

It is recommended to perform the first start-up and configuration setup within workshop conditions over short distances between devices. This can save the valuable time in the configuration of TT-202 for various cameras used in video monitoring.

- Fix and direct the antenna in such a way to achieve clearest 'line of sight' between the two.
- Connect the RS485 wires appropriately to the modules' terminals (A, B)
- Connect the sources of signal (control keyboard – camera).
- Connect the power adaptor to the telemetric modules, then to the wall outlet.
- The LED indicator on panel will indicate that the data is being transmitted. When the system is configured correctly, LEDs on both modules should light simultaneously in red signaling a connection to take control of the camera(s).
- Check the if everything works correctly and quality of the camera control.
- Upon completion of setup changes, reset the device by disconnecting the power supply.

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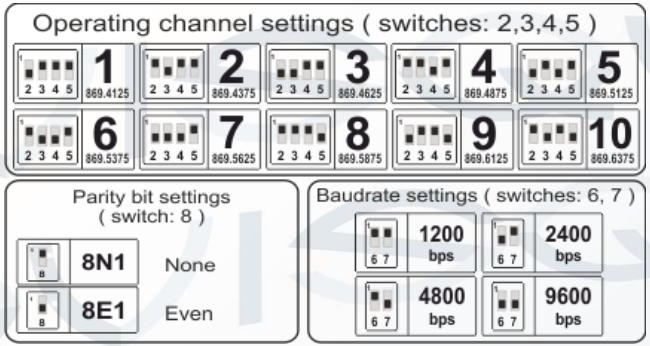
TT-202 Wireless Telemetric Modem

Sometimes it is necessary to change the basic parameters of the transmission protocol as well as the operating channels. Please use the table below.

To set the basic parameters of telemetric protocols (of cameras, or recorders), use Dip switches. It works, among others, with the following protocols:

- **PELCO-D**
- **SAMSUNG**
- **Santachi**
- **Longcomity**
- **LILIN**
- **MOLYNX**
- **VCL**
- **Ultrak**
- **PELCO-P ,**
- **COP-2**
- **PANASONIC**
- **HUNDA600**
- **VICON**
- **KALATEL**
- **Reserved COP-1**
- **Dynacolor**



Dip switch settings:

Dip switch: 2,3,4,5 – setting of operating channel

Dip switch: 8 - parity check (8E1 - 0, 8N1 - 1 – Pelco)

Dip switch: 6, 7 – baudrate

NOTE: Readout of Dip switch positions are executed when the switching power on. That`s why changes to the switch settings are to be made with power switched off.

Sometimes, in case of bidirectional protocol, it is necessary to short the pins 1 and 2 on J3 terminal strip using “computer-type” jumper. An access to this strip is only possible after removal of upper metal casing.

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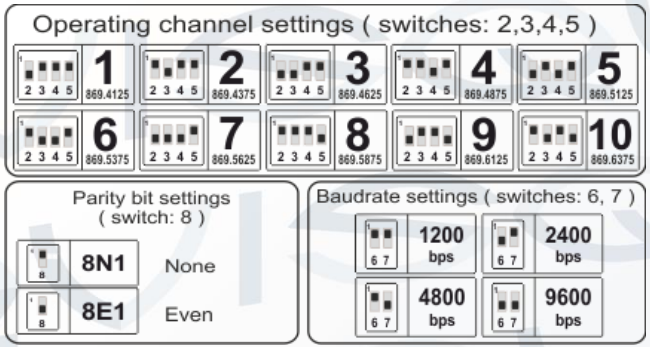

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